BOMBESIN IN HEALTH AND DISEASE

Rome, October 13-16, 1987

Tuesday, October 13, 1987

6:30 - 8:30 pm	Opening Reception and Registration	

Wednesday, October 14, 1987

SESSION I: CHEMISTRY AND MOLECULAR BIOLOGY OF BOMBESIN-LIKE PEPTIDES

Moderators: V. Erspamer and T. McDonald

8:00 - 8:30 am	Discovery, Isolation and Characterization	V. Erspamer
8:30 - 9:00 am	Multiple Forms of Mammalian Bombesin	J. Reeve
9:00 - 9:30 am	Neuromedins	N. Minamino
9:30 - 10:00 am	New Amphibian Bombesin-like Peptides	L. Negri
10:00 - 10:30 am	Coffee Break	
10:30 - 11:00 am	Cloning and Characterization of Bombesin cDNA	E. Spindel
11:00 - 11:30 am	Tissue-specific Expression of Bombesin Peptides	J. Habener
11:30 - 12:00 pm	Translational Products of Bombesin Genes	J. Beatty
12:00 - 12:30 pm	Panel Discussion: Nomenclature of Bombesin-like Peptides--Erspamer, McDonald, Minamino, Reeve, Walsh	
12:30 - 2:00 pm	LUNCH	

SESSION II: TISSUE DISTRIBUTION OF BOMBESIN-LIKE PEPTIDES

Moderators: J. Polak and E. Solcia

2:00 - 2:30 pm	Brain, Spinal Cord	P. Panula
2:30 - 3:00 pm	Myenteric Plexus, Sympathetic Ganglion	J. Furness
3:00 - 3:30 pm	Body Fluids	L. Lazarus
3:30 - 4:00 pm	Diffuse Neuroendocrine System	E. Solcia
4:00 - 4:30 pm	Coffee Break	
4:30 - 6:30 pm	POSTER PRESENTATIONS	

Thursday, October 15, 1987

SESSION III: BOMBESIN RECEPTORS

Moderators: T. Moody and Italian to be Named

8:00 - 8:30 am	Brain Receptor Localization	T. Moody
8:30 - 9:00 am	Pancreas Receptor Characterization	R. Jensen
9:00 - 9:30 am	Receptors on Gastrin Cell	S. Vigna
9:30 - 10:00 am	Competitive Antagonists of Peptide Hormones	J. Rivier

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10:00 - 10:30 am	Coffee Break	
10:30 - 11:00 am	Progress in the Development of Competitive Bombesin Antagonists	D. Coy
11:00 - 11:30 am	Receptors for Tachykinins and Bombesin: a Pharmacological Study	D. Regoli
11:30 - 12:00 pm	Panel Discussion: Design of Simple Screening Models for Detection of Bombesin-like Agonist/Antagonist Activity--Moody, Jensen, Vigna, Rivier, Cuttitta, Coy	
12:00 - 1:30 pm	LUNCH	

SESSION IV: PERIPHERAL ACTIONS OF BOMBESIN-LIKE PEPTIDES

Moderators: P. Melchiorri and W. Go

1:30 - 2:00 pm	Role in Regulation of Gastric Secretion	J.H. Walsh
2:00 - 2:30 pm	Exocrine Pancreatic Secretion	J. Holst
2:30 - 3:00 pm	Bombesin Effects on Endocrine Pancreas	T. McDonald
3:00 - 3:30 pm	Bombesin Action on the Cardiovascular System	P. Melchiorri
3:30 - 4:00 pm	Neuromedins: Biological Actions	S. Bloom
4:00 - 4:30 pm	Coffee Break	

SESSION V: CENTRAL NERVOUS SYSTEM ACTIONS OF BOMBESIN-LIKE PEPTIDES

Moderators: Y. Taché and Italian to be Named

4:30 - 5:00 pm	Modulation of the Autonomic Nervous System	M. Brown
5:00 - 5:30 pm	Gastric Secretion	Y. Taché
5:30 - 6:00 pm	Gastrointestinal Motility and Transit	F. Porreca
6:00 - 6:30 pm	Food Intake	J. Gibbs
6:30 - 7:00 pm	Behavior	A. Cowan

Friday, October 16, 1987

SESSION VI: CELLULAR ACTIONS OF BOMBESIN-LIKE PEPTIDES

Moderators: E. Rozengurt and Italian to be Named

8:00 - 8:30 am	Influence on GI Cell Growth	T. Lehy
8:30 - 9:00 am	Proliferative Effect on Swiss 3T3 Mouse Fibroblasts	E. Rozengurt
9:00 - 9:30 am	Mitogenic Action on Lung Cancer Cells	D. Carney
9:30 - 10:00 am	Coffee Break	
10:00 - 10:30 am	Intracellular Mediators	S. Pandol
10:30 - 11:00 am	Second Messengers of Bombesin Action	E. Sausville
11:00 - 12:30 pm	POSTER PRESENTATIONS	
12:30 - 2:00 pm	LUNCH	

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SESSION VII: TUMOR DIAGNOSIS AND TREATMENT

Moderators: F. Cuttitta and Italian to be Named

2:00 - 2:30 pm	Localization of Bombesin-like Peptides in Tumors	J. Polak
2:30 - 3:00 pm	Presence in Pulmonary Dysplasic Lung	Y. Tsutsumi
3:00 - 3:30 pm	Regulation of Bombesin Release from Lung Tumors	T. Moody
3:30 - 4:00 pm	Coffee Break	
4:00 - 4:30 pm	Bombesin: Autocrine Regulator of Lung Cancer Growth	F. Cuttitta
4:30 - 5:00 pm	Clinical Use of Antibombesin in Patients with Small Cell Lung Cancer	J. Mulshine
5:00 - 5:30 pm	CONCLUDING REMARKS	
7:00 pm	BANQUET	

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